ИНСТИТУТ ПО НЕВРОБИОЛОГИЯ
INSTITUTE OF NEUROBIOLOGY

НАЦИОНАЛНА НАУЧНА КОНФЕРЕНЦИЯ
С МЕЖДУНАРОДНО УЧАСТИЕ
19-20 НОЕМВРИ 2026г.

NATIONAL SCIENTIFIC CONFERENCE
WITH INTERNATIONAL PARTICIPATION
NOVEMBER 19-20, 2026

ПРОГРАМА
PROGRAM

19 НОЕМВРИ 2026 Г (ЧЕТВЪРТЪК)
19 NOVEMBER 2026 (THURSDAY)

Регистрация	**9:30-10:00**	**Registration**

10:00
ОТКРИВАНЕ НА КОНФЕРЕНЦИЯТА
CONFERENCE OPENING

Научна сесия: НЕВРОАНАТОМИЯ, НЕВРОФАРМАКОЛОГИЯ
Scientific session: NEUROANATOMY, NEUROPHARMACOLOGY

Модератор: проф. Рени Калфин
Moderator: Prof. Reni Kalfin

10:15-10:45 EPIDEMIOLOGY AND LONG-TERM OUTCOMES OF STROKE PATIENTS IN BULGARIA: A NATIONWIDE OBSERVATIONAL STUDY
Emiliyan Gulev

10:45-11:05 EXPERIMENTAL MODEL OF ALZHEIMER'S TYPE DEMENTIA: BEAVIOURAL EFFECTS OF A NEWLY SYNTHESIZED BENZIMIDAZOLE-DIHIDROXYBENZYLIDENE HYDRAZIDE
Valya Grigorova, Neda Anastassova, Borislav Minchev, Diamara Uzunova, Elina Tsvetanova, Almira Georgieva, Albena Alexandrova, Miroslava Stefanova, Denitsa Yancheva, Reni Kalfin, Lyubka Tancheva, Polina Petkova-Kirova

11:05-11:25 MORPHOLOGICAL DIFFERENCE OF THE MYENTERIC PLEXUS STUDIED BY SILVER IMPREGNATION AND NISSL STAIN
Nikolay Genov, Nikolay Dimitrov, Dimitrinka Atanasova

11:25-11:30 NEUROCHEMICAL MAPPING OF THE RAT SPINAL TRIGEMINAL NUCLEUS: COMPARATIVE IMMUNOEXPRESSION OF NEUROTRANSMITTERS AND NEUROPEPTIDES ACROSS ITS SUBNUCLEI
Andrey Ivanov, Dimitrinka Atanasova, Nikolai Lazarov

11:30-11:35 THE NEUROVASCULAR UNIT AND THE NTS
Nikola Pirovski

Кафе пауза	11:35-12:00	Coffee break

Научна сесия: НЕВРОФИЗИОЛОГИЯ
Scientific session: NEUROPHYSIOLOGY

Модератор: проф. Юлияна Йорданова
Moderator: Prof. Juliana Yordanova

12:00-12:20 COLOUR PROCESSING IN AUTISM: IMPLICATIONS FOR STIMULUS DESIGN AND RESEARCH ENVIRONMENTS
Kalina Racheva, Nataliya Baleva, Svetla Staykova, Milena Mihaylova

12:20-12:40 A METHOD FOR FINDING WAVES WITH INVERTED PHASE IN COGNITIVE PARAMETER SPACE
Stoyan Kurtev

12:40-13:00 A PARTICIPANT-CENTRED GRAPH DATABASE FRAMEWORK FOR INTEGRATING MULTIDOMAIN RESEARCH DATA
Yordan Hodzhev, Boyan Hristov, Svetla Staykova, Milena Mihaylova

Обедна почивка	13:00-14:00	Lunch break

14:00-14:20 HEART-BEAT EVOKED POTENTIALS: METHODOLOGICAL CONSIDERATIONS
Vasil Kolev, Silvia Koumanova, Juliana Yordanova

14:20-14:40 IMPLICIT KNOWLEDGE REDUCES ALPHA DESYNCHRONIZATION DURING SENSORIMOTOR INTEGRATION
Juliana Yordanova, Stoyan Kurtev, Plamenka Nanova, Lora Lyamova, Vasil Kolev

14:40-15:00 FROM MOTOR LEARNING TO ADAPTIVE SKILL: LONG-TERM RETENTION AND TRANSFER IN A 3D SPATIAL VISUOMOTOR CHOICE REACTION TIME TASK
Yoanna Yordanova, Tzvetalin Totev, Katerina Stambolieva

15:00-15:05 MECHANISMS OF PROACTIVE AND REACTIVE COGNITIVE CONTROL IN IMPLICIT PROBABILISTIC ENVIRONMENT: AN ERP STUDY
Sirma Deyanova, Vasil Kolev, Plamenka Nanova, Lora Lyamova, Stoyan Kurtev, Simona Tsvetkova, Juliana Yordanova

15:05-15:10 ATYPICAL VISUAL PROCESSING IN AUTISM: GENETIC CONTRIBUTIONS
Tanya Angelova, Milena Mihaylova

20 НОЕМВРИ 2026 Г (ПЕТЪК)
20 NOVEMBER 2026 (FRIDAY)

Научна сесия: НЕВРОАНАТОМИЯ, НЕВРОФАРМАКОЛОГИЯ
Scientific session: NEUROANATOMY, NEUROPHARMACOLOGY

Модератор: проф. Яна Чекаларова
Moderator: Prof. Jana Tchekalarova

10:15-10:45 INTERACTIONS BETWEEN CENTRAL MONOAMINES AND PERIPHERAL SIGNALLING BIOMOLECULES: ROLE IN PATHOPHYSIOLOGY AND TREATMENT OF STRESS-RELATED BRAIN DISORDERS
Eliyahu Dremencov, Daniil Grinchii, Ruslan Paliokha, Matej Račický, Stanislava Bukatová, Jana Gaburjáková, Marta Jana Gaburjáková

10:45-11:05 EARLY METABOLIC AND LOCOMOTOR ALTERATIONS IN APPNL-F/NL-F MICE: INSIGHTS FROM INDIRECT CALORIMETRY
Beata Grygier, Alicja Majewska, Karolina Przepiórska-Drońska, Krzysztof Łukowicz, Jakub Frydrych, Ewa Trojan, Agnieszka Basta-Kaim

11:05-11:25 SURGICAL MANAGEMENT OF IDIOPATHIC INTRACRANIAL HYPERTENSION: INSIGHTS FROM THE GUIDELINES OF THE EUROPEAN ASSOCIATION OF NEUROLOGICAL SURGEONS

Chrysoula Charalampidou, Duru Parmaksiz, Sheikh Momin, Myron Moskalyk, Blair MacLeod, Gabriele Berman, Katharina Wolf, Michael Lowe, Gordon Guyatt, Jurgen Beck, Dagmar Beier, Pierre Bourdillon, Gabriel Bsteh, Marian Byrne, Federico Cagnazzo, Amanda Denton, Rigmor Jensen, Marianne Juhler, Wolf Lagreze, Stephanie Lenck, Romain Manet, Giorgio Palandri, Torben Skovbo Hansen, Priya Sumithran, Christian Taschner, Ahmed Toma, Vlasta Vukovic-Cvetkovic, Laurence Watkins, Peter zu Eulenburg, Clare McIntosh, Andreas Demetriades, Tim Lawrence, Affoue Koffi, Susan Mollan, Georgios Tsermoulas, Filippos Chelmis

Кафе пауза	**11:25-12:00**	**Coffee break**

12:00-12:20 NEUROINFLAMMATION AND THE CHOROID PLEXUS: IMPLICATIONS FOR CEREBROSPINAL FLUID PRODUCTION AND THE BRAIN RENIN-ANGIOTENSIN SYSTEM

Duru Parmaksiz, Chrysoula Charalampidou, Ashish Neeli, Iliana Sorotou, Paraskevas Pakataridis, Daniela Pechlivanova, Filippos Chelmis

12:20-12:40 EFFECTS OF MAO-B INHIBITORS ON THE MPTP MOUSE MODEL OF PARKINSON'S DISEASE

Nikol Bogdanova, Jane Tchekalarova, Petja Ivanova, Violina T. Angelova, Stanislav Bozhanov, Miglena Smeri-Karova, Vania Maslarska

12:40-12:45 HISTOMORPHOLOGICAL CHANGES IN THE GONADS OF WISTAR RATS FOLLOWING CHRONIC EXPOSURE TO POLYSTYRENE MICROPLASTICS: THE ROLE OF PARTICLE SIZE AND EXPOSURE DURATION

Hristiyana Kanzova, Andrey Ivanov, Rosen Ivanov, Despina Pupaki, Desislava Ankova, Todor Kirov, Dimitrinka Atanasova, Pavel Rashev, Albena Alexandrova, Madlena Andreeva

Кафе пауза	**12:45-13:00**	**Coffee break**

13:00

НАГРАДИ и ЗАКРИВАНЕ НА КОНФЕРЕНЦИЯТА

AWARDS AND CONFERENCE CLOSING